



November 10, 2015

Project No. 8128.01.08

Mr. Dana Bayuk

Department of Environmental Quality

Northwest Region

700 NE Multnomah Street, Suite 600

Portland, Oregon 97232

Re: Monthly Progress Report—October 2015

Siltronic Corporation

7200 NW Front Avenue, Portland, OR

ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, entered into with Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this progress report is October 1, 2015, through October 31, 2015. The next progress report is due December 10, 2015.

The report organization follows that of previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications and Submittals

On October 1, DEQ provided an email to MFA regarding the Siltronic EIB Groundwater Performance Monitoring Program as it relates to WS-21-112 and WS-26-86. On October 7, MFA provided a response to DEQ's October 1 email and outlined Siltronic's understanding of groundwater monitoring program associated with the above-referenced wells. On October 20, DEQ provided an email response to the October 7 email and October 6 phone call and suggested that further discussion of the situation could be useful. In response, MFA will provide DEQ with a revised performance monitoring sampling plan regarding the two wells (discussed in the next section, below). To note, in DEQ's email to NW Natural on September 17, 2015 (RE: Gasco: Groundwater Quality Monitoring Data Report and Aqua Gard Memo), they directed NW Natural to collect samples from the two above-referenced wells as a "component of long-term groundwater monitoring program for cVOCs...and EIB performance at the Siltronic site." Groundwater samples from the two wells were collected by NW Natural in September 2015.

Fieldwork

Groundwater monitoring of Siltronic wells was conducted in October consistent with the performance monitoring program. Quarterly water level measurements were collected on October 5.

Bimonthly measurements of MGP waste DNAPL were conducted in WS15-85, WS31-106, WS33-81, and WS43-36 on October 5, and in WS15-140 and WS39-101 on October 12. MGP waste DNAPL samples were collected on October 5 from WS15-85, WS31-106, WS33-81, and WS43-36.

Bimonthly combustible gas measurements were conducted on October 12 in accordance with the DEQ-approved Revised Soil Vapor and Combustible Gas Evaluation Work Plan dated June 4, 2013.

Bimonthly soil vapor samples were collected on October 8 in accordance with the DEQ-approved Revised Soil Vapor and Combustible Gas Evaluation Work Plan dated June 4, 2013. Semi-annual soil vapor samples were collected on October 8, 9, and 12 consistent with the ongoing performance monitoring program.

Analytical data results available at the time of this monthly progress report are included in the attached MS Excel file.

On October 27, MFA collected data from transducers installed in selected monitoring wells.

During October, Siltronic provided access to representatives of NW Natural for work associated with the NW Natural source control measure, as necessary.

ACTIONS TO BE TAKEN IN THE NEXT TWO MONTHS

MFA anticipates November field activities to include monthly measurement of MGP waste DNAPL in WS33-81.

MFA will revise the performance monitoring sampling plan to incorporate monitoring wells WS-26-86 and WS-21-112 and will submit the revised schedule to DEQ by November 20. It is presumed that the data collected from the two wells by NW Natural in September 2015 will be provided to DEQ in accordance with NW Natural's reporting requirements. Nevertheless, once the data is available, it will be requested from NW Natural by MFA, incorporated into the Siltronic database and subsequently reported to DEQ.

MFA anticipates December field activities to include performance monitoring, bimonthly combustible gas measurements, bimonthly soil vapor sampling, and bimonthly MGP waste DNAPL thickness measurements and sampling at selected wells.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

The attached MS Excel data file contains performance and quarterly monitoring data, and soil vapor data received through the end of the reporting period.

PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

No problems were experienced since the previous progress report. Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



Kerry-Cathlin Gallagher
Project Scientist



James G.D. Peale, RG
Principal Hydrogeologist

Attachments: MS Excel file (as e-mail attachment and on CD attached to the hard copy)

cc (e-mail only):

Myron Burr, Siltronic Corporation
Ilene Gackwad and William Earle; Davis Rothwell Earle & Xochihua
Chris Reive, Jordan Ramis
Keith Johnson, DEQ
Henning Larsen, DEQ
Matt McClincy, DEQ
Kristine Koch, EPA
Sean Sheldrake, EPA
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